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DATE: December 30, 2005
FILE NO: APPM/008241/PPC/ECP/CKIM
TO: Commissioner for Patents; Mail Stop AF
Examiner Edna Wong
FAX NO: 571-273-8300
COMPANY: USPTO
FROM: Keith M. Tackett
PAGE(S) with cover: 11
ORIGINAL TO FOLLOW? ☐ YES ☒ NO

SECOND RESPONSE TO FINAL OFFICE ACTION DATED OCTOBER 4, 2005

TITLE: Multiple-Step Electrodeposition Process for Direct Copper
Plating on Barrier Metals
U.S. SERIAL NO.: 10/616,097
FILING DATE: July 8, 2003
INVENTOR: Sun, et al.
EXAMINER: Edna Wong
GROUP ART UNIT: 1753
CONFIRMATION NO.: 1645

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PATENT

Att'y. Dkt. No.: APPM/008241/PPC/ECP/CKIM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Sun et al.

Serial No.: 10/616.097

Confirmation No.: 1645

Filed: July 8, 2003

For: Multiple-Step Electrodeposition Process for Direct Copper Plating on Barrier Metals

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Group Art Unit: 1753

Examiner: Edna Wong

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I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 571.273.8300 to the attention of the named Examiner, on the date below.

December 30, 2005
Date

Signature

Dear Sir:

SECOND RESPONSE TO FINAL OFFICE ACTION DATED OCTOBER 4, 2005

In response to the Final Office Action dated October 4, 2005, having a shortened statutory period for response set to expire on January 4, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although the Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/APPM/008241/KMT, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims begin on page 2 of this paper. **Remarks** begin on page 5 of this paper.